US Application No: 10/528929

Page 2 of 7

## **CLAIM AMENDMENTS**

1. (Currently Amended) Method for producing a tublar workpiece, comprising: first processing steps of:

reducing a first area of <u>a tubular</u> initial workpiece by a radial forming process for reducing  $\frac{1}{2}$  the <u>an</u> outer diameter of the workpiece,

forming a transition area, extending at an angle relative to the longitudinal axis of the tubular initial workpiece, said transition area extending between said first area of the <u>tubular</u> initial workpiece having the reduced <u>outer</u> diameter and a non-reduced second area following the transition area,

a second process step of:

cold forming the transition area of the initial workpiece to obtain a substantially rectangular shoulder of the workpiece.

- 2. (Previously Amended) The method as defined in Claim 11, wherein the orbital forming process of the second process step is an orbital forging or axial pressing process.
- 3. (Currently Amended) The method as defined in Claim 2, wherein the orbital forging process is effected by at least one of:

<u>a</u> circular movement and a tilting movement.

4. (Currently Amended) Workpiece with a substantially rectangular shoulder comprising:

an intial initial workpiece haing having a wall and a shoulder wherein the shoulder is an integral part of the wall of the <u>tubular</u> initial workpiece and the shoulder is produced by cold forming the initial workpiece by a radial forming process, followed by an orbital forging or axial pressing process.

- 5. (Currently Amended) Device for producing a tubular workpiece with a substantially rectangular shoulder comprising:
- a reducing unit, adapted to form a transistion transition area in the form of a circumferential inclined surface can be formed in a tubular initial workpiece, and
- a forming unit adapted to convert the inclined transition area to a substantially rectangular shoulder of the workpiece by cold forming of the intial tubular initial workpiece.

US Application No: 10/528929

Page 3 of 7

6. (Previously Amended) The device as defined in Claim 5, wherein the reducing unit of the device comprises at least one forging die.

- 7. (Previously Amended) The device as defined in Claim 6, wherein the at least one forging die comprises an inclined forming surface.
- 8. (Previously Amended) The device as defined in Claim 5, wherein the forming unit of the device is an orbital forming unit.
- 9. (Previously Amended) The device as defined in Claim 5, wherein the forming unit comprises an orbital tool that performs an orbital movement about a longitudinal axis of the initial workpiece.
- 10. (Previously Amended) The method as defined in Claim 1, wherein radial forming of the first area is effected by rotary swaging.
- 11. (Previously Amended) The method as defined in Claim 1, wherein the cold-forming process of the second process step is an orbital forming process.